

Sanren M2101R (1st-grade)

Polypropylene Copolymer
SINOPEC Shanghai Petrochemical Co. Ltd.

Message:

The pellet product is ivory white and in the shape of a cylinder with satisfied strength, high abrasion resistance and low temperature resistance, high low-temperature impact strength and stress-fracture resistance, excellent chemical stability and insulating characteristics and fairly good heat resistance.
Scope of Application: The basic material for household electric appliance parts and automobile parts.

General Information			
Features	Block Copolymer		
	High ESCR (Stress Cracking Resistance)		
	Good strength		
	Good wear resistance		
	Low temperature resistance		
	Low temperature impact resistance		
	Heat resistance, medium		
Uses	Home appliance components		
	Application in Automobile Field		
Appearance	White		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	17 - 25	g/10 min	Internal method
Ash Content		%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 19.6	MPa	ASTM D638
Flexural Modulus	> 1200	MPa	Internal method
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact			Internal method
-20°C	> 20	J/m	Internal method
23°C	> 39	J/m	Internal method
Optical	Nominal Value	Unit	Test Method
Yellowness Index	< 4.0	YI	Internal method
Additional Information			
Cleanliness: 6-10 pieces/kg			

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Recommended distributors for this material

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